

Notice of Allowability

Application No.

10/529,972

Examiner

Phillip H. Nguyen

Applicant(s)

SARFATI ET AL.

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/3/2008.
2. ☒ The allowed claim(s) is/are 1,4,5,11,14 and 15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This action is in response to the amendment filed on 1/3/2008.
2. Claims 1, 4, 5, 1, 14 and 15 are allowed.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Seema M. Mehta (Reg. No. 56,235) on 1/18/08. The examiner's amendment is necessitated for further clarifying the claimed invention.

Claims 1-3 and 11-13 have been amended as follow:

1. A method for authenticating software downloaded in a terminal, said method comprising:

Authenticating, by a first certificate, said downloaded software using a first integrated software in said terminal;

Authenticating said first integrated software using an authentication software module associated with said downloaded software during execution of said downloaded

software, wherein said first integrated software is authenticated using a second certificate;

Wherein the first integrated software authenticates the downloaded software using an authentication library and the first certificate, wherein the first integrated software and the authentication library form a first part of write-protected memory, and wherein the downloaded software and the first certificated form a second part of loadable memory; and

Wherein the first part of the write-protected memory further comprises the second certificate, wherein the second part of loadable memory further comprises verification software, and wherein, once the downloaded software has been authenticated, the verification software authenticates the first integrated software using the authentication library and the second certificate.

Claims 2 and 3 have been canceled.

11. A computer system, comprising:

A processor; and

A memory comprising a first part and a second part, wherein the first part is write-protected and the second part is loadable memory,

Wherein the first part comprises a first integrated software, an authentication library, and a second certificate,

Wherein the second part comprises downloaded application software, a first certificate, and a verification software,

Wherein the computer system further comprises integrated software instructions that, when executed by the processor, are configured to:

Authenticate, by the first certificate, said downloaded application software using the first integrated software;

Authenticate said first integrated software using an authentication software module associated with said downloaded application software during execution of said downloaded application software, wherein said first integrated software is authenticated using a second certificate;

Wherein the first integrated software authenticates the downloaded application software using the authentication library and the first certificate; and

Wherein, once the downloaded application software has been authenticated, the verification software authenticates the first integrated software using the authentication library and the second certificate.

Claims 12 and 13 have been canceled.

Examiner's Statement of Reason(s) for Allowance

4. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record, i.e. Scheifler et al. (US 6,901,518), taken alone or in combination with other prior art fails to teach or reasonably suggest *wherein the first integrated software authenticates the downloaded software using an authentication library and the first certificate, wherein the first integrated software and the authentication library form a first part of write-protected memory, and wherein the download software and the first certificate form a second part of loadable memory, wherein the first part of the write-protected memory further comprises the second certificate, wherein the second part of loadable memory further comprises verification software, and wherein, once the downloaded software has been authenticated, the verification software authenticates the first integrated software using the authentication library and the second certificate* as recited in the independent claim 1. Similar concept are found in claim independent claim 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phillip H. Nguyen whose telephone number is (571) 270-1070. The examiner can normally be reached on Monday - Thursday 10:00 AM - 3:00 PM EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y. Zhen can be reached on (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PN
1/18/2008


WEI ZHEN
SUPERVISORY PATENT EXAMINER